

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Gerard Vincent MONAGHAN, et al

Serial No. : 10/535,487

Group Art Unit:

Filing Date : May 17, 2005

Examiner:

Title : **A PROCESS FOR CONVERTING A LIQUID FEED  
MATERIAL INTO A VAPOR PHASE PRODUCT**

Entity Status : Small Entity

Our Docket : RR-584 PCT/US

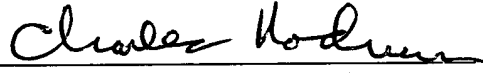
---

CERTIFICATE UNDER 37 CFR 1.8 (a)

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to:

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on August 29, 2005

  
Attorney For Applicants

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 CFR 1.56, enclosed is a completed Form PTO-1449 listing the U.S. and foreign patent documents and non-patent literature documents cited by Applicants. Copies of the foreign patent and non-patent literature documents are enclosed.

Applicants respectfully request that the Examiner consider all documents listed in the Information Disclosure Statement in the examination of this application.

Since a first Office Action on this patent application has not yet been received, Applicant believes that no fee is chargeable for the filing of this Information Disclosure Statement.

However, should any fee be necessary in connection with the filing of this Information Disclosure Statement, please debit our Deposit Account No. 18-1743.

Respectfully submitted,



---

Charles B. Rodman, Reg. No. 26,798  
Attorney for Applicants

Dated: August 29, 2005

RODMAN & RODMAN  
7 South Broadway  
White Plains, New York 10601

Telephone: (914) 949-7210  
Facsimile: (914) 993-0668

1015-24

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 2

**Complete if Known**

Application Number	
Filing Date	May 17, 2005
First Named Inventor	Gerard Vincent Monaghan
Art Unit	
Examiner Name	
Attorney Docket Number	RR-584 PCT/US

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US- 2,064,715	12-15-1936	H.V. Atwell	
		US- 2,655,464	10-13-1953	Brown et. al.	
		US- 2,670,322	02-23-1954	Krebs et. al.	
		US- 2,698,284	12-28-1954	Adams	
		US- 2,723,949	11-15-1955	McCausland	
		US- 2,734,850	02-14-1956	Brown	
		US- 3,226,841	01-04-1966	Mark	
		US- 3,433,624	03-18-1969	Boucraut et. al.	
		US- 3,503,184	03-31-1970	Knapp et. al.	
		US- 3,539,293	11-10-1970	Boucraut et. al.	
		US- 3,713,781	01-30-1973	Dunn, Jr.	
		US- 4,445,919	05-01-1984	Cole et. al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
		EP 0561439 A2	09-22-1993	Van Diepen et. al.		
		GB 2076308	12-02-1981	Curtius et. al.		

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	
		Filing Date	May 17, 2005
		First Named Inventor	Gerard Vincent Monaghan
		Art Unit	
		Examiner Name	
Sheet 2	of 2	Attorney Docket Number	RR-584 PCT/US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		Hans Weiss and Jorg Schmalfeld, "Low cost process for refinery residue conversion," PTQ Summer 1999, pp. 79-83	
		D.G. Hammond et. al., "Review of fluid bed coking technologies," PTQ Autumn 2003, pp. 1-6	
		Grace, J.R. and Hsiaotao, B., "Introduction to circulating fluidized beds," in Circulating Fluidized Beds, Avidan and Knowlton editors, 1997, pp. 6-8	
		Kunii, D. and Lvenspiel, O., Fluidization Engineering, 2nd ed. Butterworth-Heinemann, Toronto, 1991, pp. 1-13 and 19-24	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.